

IN THE CLAIMS

Please enter the following amendments to the claims.

1. (currently amended) A copper polish slurry, comprising a mixture of:
a surfactant ~~containing an alkyltrimethylammonium cation~~ comprising an alkyltrimethylammonium halide; a chelating buffer system; an abrasive comprising silica; an oxidizer; and a corrosion inhibitor; wherein the slurry has a pH between 2.5 and 7.0.
2. (original) The slurry of Claim 1, wherein the surfactant comprises cetyltrimethylammonium bromide dissolved in the mixture.
3. (currently amended) The slurry of Claim 1, wherein the surfactant comprises cetyltrimethylammonium ~~cations and halogen anions~~ chloride.
4. (previously presented) The slurry of Claim 3, wherein the corrosion inhibitor comprises benzotriazole, and the oxidizer comprises hydrogen peroxide dissolved in the mixture.
5. (original) The slurry of Claim 1, wherein the chelating buffer system comprises ammonium bicitrate and potassium citrate dissolved in the mixture.
6. (original) The slurry of Claim 1, wherein the chelating buffer system is selected from the group consisting of citric acid/potassium citrate, and ammonium bicitrate/potassium citrate.

7. (original) The slurry of Claim 1, wherein the corrosion inhibitor is selected from the group consisting of benzotriazole and cetyltrimethylammonium bromide.
8. (original) The slurry of Claim 1, wherein the surfactant comprises between 0.003M and 0.075M cetyltrimethylammonium bromide in the mixture.
9. (currently amended) The slurry of Claim 1, wherein the surfactant further comprises cetyltrimethylammonium hydroxide dissolved in the mixture.
10. (original) The slurry of Claim 1, wherein the surfactant comprises both cetyltrimethylammonium hydroxide and cetyltrimethylammonium bromide dissolved in the mixture.
11. (cancelled)
12. (currently amended) The slurry of Claim ~~11~~ 1, wherein the abrasive comprising silica has a surface area of 500 m²/g.
13. (currently amended) The slurry of Claim ~~12~~ 1, wherein the ~~corrosion inhibitor is selected from the group consisting of benzotriazole and cetyltrimethylammonium bromide~~ alkyltrimethylammonium halide has an alkyl group having more than twelve carbons.
14. (cancelled)
15. (currently amended) The slurry of Claim ~~14~~ 1, wherein the slurry has a density of 1.03 g/ml.

16. (currently amended) The slurry of Claim ~~11~~ 1, wherein the oxidizer comprises hydrogen peroxide; and the chelating buffer system comprises citric acid and potassium citrate.

Claims 17-30 are cancelled.